19990504.qrp v01_n447.qrl.990504

Date: Tue, 4 May 1999 19:03:17 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1447

QRP-L Digest 1447

Topics covered in this issue include:

  1) [39535] G3RJV - Away
     by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
  2) [39536] Re: Any Wilderness SST users ?
     by Craig LaBarge <wb3gck@yahoo.com>
  3) [39537] Re: St Louis, MO, help find manipulator maker
     by mahlon.r.haunschild@ac.com
  4) [39538] Easy half watt QRP xmtr built from scratch
     by Jim Hale <kj5tf@yahoo.com>
  5) [39539] Kudos to MFJ
     by Jeff Johns <jeffj@scott.net>
  6) [39540] Re: Stuff
     by Larry Cahoon <wd3p@juno.com>
  7) [39541] Re: mobile ant advice needed
     by Larry Cahoon <wd3p@juno.com>
  8) [39542] Re: qrp and the "Batfish"
     by "Robert Roach" <KE4QOK@worldnet.att.net>
  9) [39543] WB8 QSL Maker
     by Daniel R Case <drcase@iastate.edu>
 10) [39544] Explorer now WORKING!
     by "Bill Todd" <bill@willapabay.org>
 11) [39545] Lucky Visit to Colorado QRP Club Seminar at Pikes Peak Radio Assn
     . Hamfest in Monument,Co 5/1/99 (Long)
     by Sam Billingsley <SBillingsley@usaninc.com>
 12) [39546] Cherynobl Virus:My final post on this...
     by "W. K. Hibbert" <wb2vuo@juno.com>
 13) [39547] SWL40+
     by "Charles Hamel" <cdhamel@pdq.net>
 14) [39548] Charge Battery
     by RON TODD <k4wz@bellsouth.net>
 15) [39549] Re: WB8 QSL Maker
     by RABRUNER@aol.com
 16) [39550] Late Des Moines hamfest recap
     by "John Burnley" <burnley-ia@worldnet.att.net>
 17) [39551] Re: NC-20 Transmit Offset
     by "Dave Fifield" <fifield@pacbell.net>
 18) [39552] ZM-2 Tuner problem solved!
     by sda <sda@bellsouth.net>

19) [39553] OD5KB
    by "George W. Lee" <k5ht@juno.com>
20) [39554] Dayton QRP Banquet only 10 days away!!!
    by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
21) [39555] Re: Stuff
    by Bob Patten <n4bp@bc.seflin.org>
22) [39556] RE: Kudos to MFJ; counterpoint
    by "Roger A. McCarty" <rmccarty@earthlink.net>
23) [39557] A New Elmering Project
    by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
24) [39558] Re: Half watt
    by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
25) [39559] Radman goes to NorCal...
    by "Radman" <radman@best.com>
26) [39560] Knwd. WTB TH-205AT tone board ?
    by pmk@juno.com
27) [39561] May Spartan Sprint
    by Michael C Boatright <ko4wx@mindspring.com>
28) [39562] New FT-100 mobile and it is a winner!
    by Jess Gypin <jessqrp@concentric.net>
29) [39563] a solution to Antenna Launching
    by "Joe S" <joe@quadj.com>
30) [39564] RE: New FT-100 mobile and it is a winner!
    by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
31) [39565] Ten-Tec Scout 555 Question
    by Phil Wheeler <w7ox@mindspring.com>
32) [39566] Re: Ten-Tec Scout 555 Question
    by elawson@lr.net (Ed Lawson)
33) [39567] Re: PRAIRIE LILLIES
    by Bruce Rattray <rattray@gpfn.sk.ca>
34) [39568] Re: Charge Battery
    by wgabriel@dukeengineering.com
35) [39569] Re: Ten-Tec Scout 555 Question
    by W5TB <w5tb@SoftHome.net>
36) [39570] May Spartan Sprint
    by RON TODD <k4wz@bellsouth.net>
37) [39571] Freq-Mite info please
    by Scott Howell <whowell@hq.nasa.gov>
38) [39572] FS: Tuner
    by spoon@kodak.com
39) [39573] Re: WB8 QSL Maker
    by applitech@mcg.net (Claton Cadmus)
40) [39574] ZM-2 Testimonial
    by "Edward A Kwik jr" <eakwikjr@hti.com>
41) [39575] FS: MFJ-9020 no mods. $85 + shipping
    by kreinbd@ccgate.dl.nec.com (David Kreinberg)
42) [39576] WBL Design Info
    by "Kevin F. Glynn" <kfglynn@prodigy.net>

43) [39577] DC Receiver Problems
    by wd9eyb@butler.indiana.net
44) [39578] Freq-Mite info found
    by Scott Howell <whowell@hq.nasa.gov>
45) [39579] Dayton 1999 - QRP IS!
    by Hank Kohl K8DD <k8dd@contesting.com>
46) [39580] Re: WB8 QSL Maker
    by kv7g@juno.com
47) [39581] 5 Watt Mod for Wilderness Sierra?
    by Phil Wheeler <w7ox@mindspring.com>
48) [39582] Results of the SGC 2020 Question
    by "Bruce J. Howes KG2IC" <bhowes@buffnet.net>
49) [39583] Re: 5 Watt Mod for Wilderness Sierra?
    by "Hugo W. Catta" <hugo@banet.net>
50) [39584] SG-2020 at Birmingham
    by "Ed Tanton" <n4xy@att.net>
51) [39585] Re: May Spartan Sprint
    by Dean W Manley <kh6b@juno.com>
52) [39586] QRL and QRP fun.
    by Ed Loranger <we6w@qsl.net>
53) [39587] Self-resonant chokes and the Little Honk
    by "Mike Silva" <mjsilva@jps.net>
54) [39588] SWL SSB transceiver
    by "Don and Mabel Adams" <adamsdm@lewiston.com>
55) [39589] Official Elecraft K2 Field Day Event
    by George Zafiropoulos <georgez@quickturn.com>
56) [39590] Re: SWL SSB transceiver
    by Jim <w7ls@blarg.net>
57) [39591] Re: Regens - Any ideas for other things to use as a coil form......
    by "Tony Fishpool" <g4wif@btinternet.com>
58) [39592] Columbus, uh, Dayton hotels
    by Laura Halliday <lha@sdr.utias.utoronto.ca>
59) [39593] MFJ-9020 *SOLD*
    by kreinbd@ccgate.dl.nec.com (David Kreinberg)
60) [39594] Zero'n on WWV
    by Bob Edwards <w4ed@flash.net>
61) [39595] HAMCOM Hotel Rooms
    by W5TB <w5tb@SoftHome.net>
62) [39596] Re: WB8 QSL Maker
    by "John J. McDonough" <jjmcd@tm.net>
63) [39597] Shure 444 and 522 desk mics F S
    by "Ken Simpson" <W8EK@fdt.net>
64) [39598] test
    by "Wyman, Michael D" <michael.d.wyman@intel.com>

Date: Tue, 4 May 1999 00:14:04 +0100

From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <QRP-L@lehigh.edu>
Subject: [39535] G3RJV - Away
Message-ID: <000301be95bb$d284e3e0$151d989e@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tomorrow evening I will be postponing from this reflector
as I leave for the US on Thursday morning.

I will be back home on July 9th.

During my US trip I will be on email as
G3rjv@aol.com
whenever I can get a connection

72/3 to all
George Dobbs G3RJV   "It is vain to do with more
g3rjv@gqrp.demon.co.uk   what can be done with less"
The G QRP Club
[www.gqrp.demon.co.uk]   William of Occum. 1290-1350

Date: Mon, 3 May 1999 16:43:11 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrpl-mailing-list <qrp-l@lehigh.edu>
Subject: [39536] Re: Any Wilderness SST users ?
Message-ID: <19990503234311.6867.rocketmail@web707.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Dave:

I have an SST-30 and absolutely love it. It was quick
and easy to build and worked like a champ the first
time. Mine puts out a hair less than 2 watts which is
plenty enough for me. The receiver is great and, if I
have any complaints at all, it would be that the
filter is a bit too narrow.

Not too long after I built it, I was calling CQ on 30
meters in the early evening. I was answered by
another QRP station in Ireland. One of my most

memorable QSOs, especially since I was running the two
watts into my rainspout at the time. Yup!... That
little rig is a keeper!

73, Craig WB3GCK

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Mon, 3 May 1999 19:47:21 -0500
From: mahlon.r.haunschild@ac.com
To: qrp-l@Lehigh.EDU
Subject: [39537] Re: St Louis, MO, help find manipulator maker
Message-ID: <86256767.000417FB.00@amrhm1101.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Goran,

I feel your pain... a Very Long Time Ago I owned the paddle/straight key combo.
Don't ask what I did with it, it hurts to think about it.

Anyway, while Brown Bros. Machine Co. is long out of this business, I think they
sold the key tooling to someone else. Can't remember who, though... it was a
very long time ago.

Sorry.

regards,

Mahlon - N4EEE------------------------------

Date: Mon, 03 May 1999 10:03:49 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l@lehigh.edu
Subject: [39485] St Louis, MO, help find manipulator maker

Hi,

My favorite iambic manipulator took a fall and needs
a spare part. It is a model BTL-A from

BROWN BROS MACH CO, ST LOUIS, MO
If anyone could help me to find the email or phone
number or postal address to this company I would
be grateful.

73
Goran ea8yu
Isla de La Palma
Canary Islands

Date: Mon, 3 May 1999 18:10:02 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [39538] Easy half watt QRP xmtr built from scratch
Message-ID: <19990504011002.13834.rocketmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thought some of you might be interested in this simple
to build transmitter. It can be built in an hour or
two from your junk'e box. Well there is one chip
you'll have to order but its cheap.

Its amazing how few parts there are in this. I built
it on a piece of copper board dead bug style. You can
see how mine turned out at the Arkansas QRP Club
webpage.

http://members.xoom.com/VLantz/arqrp/rigs1.htm

If you've never built a rig from scratch this is the
one to build. Winding the coils on a ball point pen is
so much fun I'm still smileing. :-)

Have fun everyone - Jim KJ5TF

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Mon, 3 May 1999 20:20:25 -0500 (CDT)
From: Jeff Johns <jeffj@scott.net>
To: qrp-l@lehigh.edu
Subject: [39539] Kudos to MFJ
Message-ID: <199905040121.UAA00962x@scott.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Earlier today I aksed a question about voltage regulators. The reason for asking was that I suspected that on on a Vectronics/MFJ keyer kit that I bought at a hamfest was bad and I was going to replace it. The problem I had with the kit, VEC-201K, was that when I sent a dah the kit would 'die'. I checked everything carefully but it just died everytime I did it. Well, I decided to call MFJ before I went to radio shack and spoke with someone in their technical department who was extremely helpful and was familiar with the kit. He explained to me that I needed to cut a trace on the board and install a resistor across it. I got home this evening and followed the OM's instructions and the kit now performs flawlessly <g>! I'll be stuffing it into an enclosure in the next couple of days. The kit is larger than the Tick kit, but should serve me well. The kit came with a great instruction book and the board was first class. It was nice to call a 'larger' company and speak with a technician who was extremely familiar with their products, he didn't even have to refer to a manual. Anyways, I just thought I would throw a plug out for MFJ. With MFJ, it seems that you either love 'em or hate 'em and I guess this bit of help they offered me today swayed me to the love 'em side.

73 Jeff W4JEF


```
    *--------- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 ----------*
    |jeffj@scott.net  w4jef@amsat.org |     Reserve Patrol Captain     |
    |  Satellite: Mir R0MIR-1, AO-27  | Jefferson County Sheriff's Dept|
    |200LX+BayPac+FT50=Portable Packet|     QTH Birmingham, AL USA     |
    *-----------------------------------------------------------------*
```


Goin' Postal - HP 100/200LX (v3.05beta) REGISTERED

Date: Tue, 4 May 1999 01:26:38 +0100
From: Larry Cahoon <wd3p@juno.com>
To: wd9eyb@butler.indiana.net, qrp-l@Lehigh.EDU
Subject: [39540] Re: Stuff
Message-ID: <19990504.012639.4222.6.wd3p@juno.com>

On Mon, 3 May 1999 10:21:06 -0500 (GMT+5) wd9eyb@butler.indiana.net
writes:
>
>3. Wow! Those county hunters sure do send fast. How do they do that
>   and operate mobile?
>

Practice, practice, and more practice. A few tricks of the trade
1. some are taping the QSOs - they just make sure they got the info and
then transcribe it later. The problem is not sending it's copying. I know
W3DYA runs alone, but don't know if he tapes or not.
2. some are riding shotgun - esp in contests. One driver and one operator
- I suspect W9MSE was doing it this way.
3. some stop to run - I didn't hear KN4Y this year but that is his usual
mode.

>   Maybe some of the signal was leaking around the attenuator.
>
Of course it was. We just went through a discussion of QSOs on a dummy
load a month or two ago. That is all an attenuator is - a partial dummy
load. So even it nothing leaked the dummy load itself radiates. I don't
know that the is an "approved" method for measuring the power and setting
up the station to insure no leakage whatsoever. I have never seen one.
And let's not try to create it here on QRP-L PLEASE!!!!!!!!!!

72/73 de Larry.....WD3P in MD

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 4 May 1999 01:00:04 +0100
From: Larry Cahoon <wd3p@juno.com>
To: mhogan@email.msn.com, qrp-l@Lehigh.EDU
Subject: [39541] Re: mobile ant advice needed
Message-ID: <19990504.012639.4222.4.wd3p@juno.com>

On Mon, 3 May 1999 12:11:43 -0500 "Mark Hogan" <mhogan@email.msn.com>
writes:
>I've been running my SST-40 and my NC-20 mobile lately. Yet to make a
>contact. I'm using that MFJ QRP tuner, (the one that fits their
>transceiver

Mark and group - from the wisdom of the county hunters. The longer the ant the better. The higher the loading coil on the ant the better. On 20 M the ant guru worked it out for me one time that a good 20 M mobile ant. is about 6db down from a full size vertical. A bottom loaded mobile ant. is down about 6db from a top loaded mobile ant. 20 M will work better then 40 M simply because you can get the ant. closer to the "proper" length. I never worked out the math on 40.

That said it is also important where the ant is mounted. Too close to the metal of the car and it will couple with the car itself. The rear bummer of a minivan is one of the worst places to put the ant. Remember too that the car is the ground plain for the ant. so it will effect the radiation pattern. That can be real noticeable when you turn a corner and the signal fades into oblivion on you.

One sight you will see at county hunter convention is ever imaginable ant. known to man. But one thing which is usually fairly common is what a call a folded ant. The ant is folded over at a 90 degree angle at the loading coil. This allows the ant to be a tall as possible. This works real well for an ant on the top of a minivan.

73 de Larry.....WD3P

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 02 May 99 12:19:58 PDT
From: "Robert Roach" <KE4QOK@worldnet.att.net>
To: ke5tc@crosstel.net
Cc: "QRP-L" <qrp-l@lehigh.edu>
Subject: [39542] Re: qrp and the "Batfish"
Message-ID: <MAPI.Id.0016.004534514f4b2020303030303630303036@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Torpedo the SSB rig.<GGGG>

Bob
KE4QOK

> We were only able to make 5 qrp cw contacts from the WWII submarine "US=
S
> BATFISH" on April 24. Interference with the ssb rig forced us to qrt. =
 Got
> out voted - more ssb ops. present then qrp cw ops. That means plan "B"=
 for
> next year. (whatever plan "B" is)
> 72 de ke5tc
>
>
>
>
>

Date: Mon, 03 May 1999 20:45:53 -0500
From: Daniel R Case <drcase@iastate.edu>
To: qrp-l@Lehigh.edu
Subject: [39543] WB8 QSL Maker
Message-ID: <3.0.32.19990503204545.006cb910@pop-1.iastate.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings,

As many of you have been doing, I have been utilizing the WB8 QSL Maker and
really enjoy it. I was wondering if anyone had any suggestions about paper
stock to use. I mail a high volume of QSL cards and would prefer to print
them on a postcard-stock type of paper, so they can be mailed as postcards.
 Anyone have suggestions on what kind of paper to use, and where to get it?

73,
Dan KB0JUL
drcase@iastate.edu
http://www1.iastate.edu/~drcase/radio.html
KB0JUL@KI0Q.#CIA.IA.USA.NA

Date: Mon, 3 May 1999 19:09:26 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [39544] Explorer now WORKING!
Message-ID: <00a401be95d3$25b7e780$82added1@bill>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks go to: Vic, Jim, Ronald, Rod, Bruce, George, (another) Jim, Richard,
Alan, Ron (yet another TODD..hi), John, Doc, & Robert [did I miss anyone?].

I got Internet Explorer back to the way it used to be. All your kind
messages told me to go to View,Options, and then click on the address
thingy.

It worked! Now, I am no longer trapped in cyberspace.
My shoes now fit better, I lost 30 pounds, my car just doubled its gas
mileage, and my dog now does tricks! Life is good...

CUL, Bill-N7MFB
http://www.willapabay.org/~bill
ICQ @ 8926298

Date: Mon, 3 May 1999 22:20:01 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [39545] Lucky Visit to Colorado QRP Club Seminar at Pikes Peak Radio Assn
     . Hamfest in Monument,Co 5/1/99 (Long)
Message-ID: <21E06269B00ED111BE9B00805F6D0FA381AA78@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

My wife, two other friends and I had decided to make a visit to Golden
(Genesee), Co to visit two of our old exAtlanta friends (now Bronco fans)
because we lost the Superbowl bet between Atlanta and Denver. Whoever lost
had to visit the other next. This trip my wife said it's a short trip and
you're not taking any radio stuff OK? Well I slipped my QRP Alinco QRP 2 mtr
Credit card xcvr in my pocket and we headed out. I had programmed in some of
the Denver area repeaters so I was monitoring from the time we got to town.
Lo and behold I heard chatter that the Denver area was having a
Hamfest/Swapmeet in Monument,Co about 40 miles south of Denver. So I
borrowed my friends jeep and headed out early Sat. morning. No knowing what
to expect I ran into a fellow right off that had a QRP? tag clipped to his
shirt. Me being a CO QRP member (#454 remote from Atlanta,GA) asked how were
things going and was there any QRP gear for swap or sell. Well I was talking
to Dick AB0CD and Rich W0HEP. They gave me some pointers and mentioned that
they were conducting a QRP seminar at 10AM. Well I had an hour or so to go

so started my combing of the tables. Found a clean MFJ mobile tuner and a fold-down mount that hinges into the trunk. Both were bargains so my mission was accomplished just in time for the QRP seminar. BTW I saw a late Serial # QRP+ for sale for $350 but passed since I had one. The hamfest was is a local high school so the classrooms were available for side meetings and discussions. Rich/W0HEP with the help of Dick AB0CD gave a great overview of QRP and the many reasons to checkout this aspect of the ham radio hobby. The folks in the room, including me, got a great broad brush tutorial on QRP. They had a super multi-media PC slide projection visual presentation and it was obvious that Rich and Dick were both experienced QRPers in a wide variety of QRP topics particularly field operating and contesting. I enjoyed their discussion very much.

The special added attraction was Nick KG5N the famed "Homebrewing the Sierra" from the ARRL Handbook guy. Not only did he give a great talk on the Sierra and other fine kits that are available he had a Homebrewing transparency presentation that was the best I have ever seen.In fact with just a little more data including diagrams and schematics it would have a fine basis for a well needed QRPer's book on Homebrewing and Kit building. I know that some of the crowd that was there to pickup some basics of what QRPing is all about had no idea of the magnitude of the expertise of the three members of the Colorado QRP Club that covered a great deal of territory in one hour.

I, for one, am proud to be a member of such a fine group of folks and although I can only normally participate with them in contests and sharing their experiences via "The Low Down" the CO QRP Club's quarterly journal it is great to know that folks such as Dick, Rick and Nick (Wow is there some name requirement I don't know about?) and many others in the CQC are taking the QRP word to the masses. Page for page would put the Low Down up against any of the other clubs journals. I think everyone walked out of that room realizing that QRP is fun and a very important component of the ham radio spectrum of activities. I know I did. Driving back to Golden I thought to myself "Is this a great hobby or what?".

Sam Billingsley AE4GX Atlanta (Buckhead), GA
http://ae4gx.home.mindspring.com/

Inverted L, Butternut Vert, Isoloop, Parking Lot Portable Vertical(PLPV)

40mtrRamsey QRP+ HW7 HW8 HW9 NC38S PixieTX/RX only (40mtr@150mw 12states)
HW-101/QRP TT505

NORCAL 2210 MI-QRP 1567 QRP-L 1033 ARCI 9356 AKQRP 308
GQRP 9660 ARS 269 NOGA CQC 454 FISTS 5306
ZOMBIE 273

Date: Mon, 3 May 1999 22:39:05 -0400
From: "W. K. Hibbert" <wb2vuo@juno.com>
To: qrp-l@lehigh.edu
Subject: [39546] Cherynobl Virus:My final post on this...
Message-ID: <19990503.223906.-129519.2.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>From what I have seen/read, I go off lucky, only losing scads of astro photos and my (14-year-old) daughter's collectino of Teen Hearthrobs from N'Sync, Backstreet Boys and all those others...

A final observation to all, and worth repeating: Use a GOOD vvirus checker, and RTM!!! If I had been utilizing Norton Anti-Virus, which I have, properly, this never would have happened. The proper technique is in the README.TXT file, you know, the one everyone clicks on the "I Don't want to read it..." box...

Most any of the popular anti-virus packages would have saved me, but the best is no good when the instructions aren't followed.

Now, as to virus-induced BIOS/CMOS problems. Yank the backup battery/CMOS reset jumper or whatever is in your computer, let it set a bit (1 - 3 minutes is fine) and select the SETUP option when you re-boot. You can, from most 486's and up, allow the autodetect to find your drives, but you SHOULD have the settings written down somewhere. We have an old 486SX-25 in the shop, the Boss's favorite computer, and everytime we get a power bump, I have to reset the CMOS for him. I'm getting good at opening the case, yanking the battery and putting it all back together during lunch...

Now back to our normal QRP programming...

72/73, Keith, WB2VUO
Virus-Free once again! (Except for this cold that is hanging on...)

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 13 Apr 1999 10:07:29 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [39547] SWL40+
Message-ID: <000c01be85bf$5b4d6880$a31b90d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am in the middle of building a SWL40+ even finished one toroid, and all looks great so far! I have a question for you veterans on this kit.
In the manual on page 13 in the diagram, I installed C29, C108, there is a place between these two capacitors for a 3rd capacitor, problem is I don't see a capacitor value that goes here.

Any help will be appreciated!

Charles (KC5DXQ)

Date: Mon, 03 May 1999 23:16:35 -0400
From: RON TODD <k4wz@bellsouth.net>
To: QRP POST <qrp-l@Lehigh.EDU>
Subject: [39548] Charge Battery
Message-ID: <372E6693.49E68A0F@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What Is the correct way to change my 7Ah lead acid battery ? I have a charger rated at 1amp. I put a current meter in line and watch the current. Should it go all the way to zero befor it is fully charged ?
Thanks for any help.

Ron K4WZ

Date: Mon, 3 May 1999 23:49:15 EDT
From: RABRUNER@aol.com
To: drcase@iastate.edu, qrp-l@lehigh.edu
Subject: [39549] Re: WB8 QSL Maker
Message-ID: <6b8f9ae4.245fc83b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dan,
Almost any large stationery store -- Office Max, Office Depot, Arvey's -- sells Avery labels. In spite of the name, Avery labels come in all sorts of useful non-gummy configurations, business cards, 3x5 cards, 4x6 cards, greeting cards, and yes, postcards. Avery and other folks also sell the software to format them. They come in 8-1/2 x 11 sheets you can feed into an Inkjet or laser printer without fiddling around with the feed tray, etc., and they are microperfed so they burst apart very cleanly after printing. There are "labels" with pre-printed background illustrations, plain white, with and without colored borders, etc. You can not only make up QSLs this way, but ham business cards to give out for eye-ball QSOs, etc.
Most of the later word processors, Corel, Word, WordPerfect, etc., have the formatting built-in, you select 'making labels' and it will lead you to a choice of Avery products by number. There are other companies that make similar products, but all of them that I am familiar with use the Avery layouts, and usually include the corresponding Avery product number alongside their own.
Needless to say, I have no interest in Avery, or Office Max, et. al., but I am going to run out and buy stock in them tomorrow! :) And one other disclaimer, I am not an expert on the intricacies of all the word processors that might be out there, so please check your manual for help on finding the 'make labels' menu :)) If your word processor should happen to not have the format for the label you want to use, Avery sells after market plug-ins and update disks or you can download updates and get other information from their website at, where else? www.avery.com!

73,
Bob Bruner
WB4TAJ/9
Near Chicago

Date: Mon, 3 May 1999 23:27:28 -0500
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>, <qrp-l@lehigh.edu>

Subject: [39550] Late Des Moines hamfest recap
Message-ID: <19990504043144.JGBC1160@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My apologies to all but it seems between work, tennis (both boys), baseball (younger son), and choral programs (older son) that I haven't had time to do a whole lot of paperwork.

The Iowa QRP Club had a display table at the Des Moines hamfest on April 24, 1999. I knew right off that the day would be a good one. As I was setting up the table I noticed that my neighbor across the aisle was Paul Washa. Paul as you may remember helped us with the group buys on the 1999 handbook as well as other titles. He was very thankful to all who participated in the earlier group buy and will be working with me on some future ones (stay tuned).

I had vendor info from MFJ and TenTec but very little from any of the other QRP vendors. I found a few bits and pieces in my display box and I put it all out. It didn't take long before it was all gone. I was
only able to stay for 2 1/2 hours because of a family commitment but that was all that was needed.

The hamfest had a very good crowd and the QRP display was always busy. My 'next door' neighbor was the ARRL display manned by some of the locals along with some ARRL brass. I'm sure they couldn't help but notice the constant traffic. On display was an MFJ 9017, NorCal 38 Special, Knightsmite, Pixie II, Emtech ZM-1 with AZ Scorpion SWR LED indicator kit installed, power supply break-out box, and a prototype project that some of the club members are independently developing. Information
on MFJ 90's Newsletter, NorCal, G-QRP, and ARCI was also available. If your club wasn't
listed then you didn't get back to me with any information (but it's not too
late for the next hamfest so send me your info!). There were plenty of questions
and a lot of enthusiasm!

I hope to see you at our next event in Sioux City, IA on June 4 and 5, 1999.

72, John NU0V

Date: Mon, 3 May 1999 20:45:13 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <wong_th@eng.printronix.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39551] Re: NC-20 Transmit Offset
Message-ID: <005701be95e0$8443c780$0db865d8@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tedd,

Check out the mod instructions (newly updated) on the Red Hot Radio
website at http://www.redhotradio.com

I realized this oversight after I had published the mod. The "cure" is
pretty simple. To set the TX offset, you need to lift one end of the 2.2K
resistor you added and cut the PCB track under the AGC1 link (on the
underside of the PCB). Then you can set up the TX offset just like in
the manual. When you have done it, you can put a small wire link into
the AGC1 link position and re-solder the 2.2K resistor in place - there,
done!

Hope this helps.
72, Dave Fifield, AD6A

(snip)
> After making the AGC mod described on AD6A's website, I can no longer hear
my
> transmit signal, which was to be expected (snip)

Date: Tue, 04 May 1999 00:00:58 -0500
From: sda <sda@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [39552] ZM-2 Tuner problem solved!
Message-ID: <199905040500.BAA22732@mail1.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Worked all evening on the ZM-2, and I want to thank
the TWELVE (12) people who responded with help,
advice, and solutions. Especially want to thank

Joe Gervais, AB7TT for his note, because his
was the final solution.

The two problems were:

1. Apparent errata in the manual which Joe pointed
out: "The error in the pictorial sketch ("Rear View 2")
is that Tap 2 off T1 *SHOULD* be going to C1-A,
NOT C1-B. You may want to double-check that, but
that's the correction I added to Rear View 2. And
again, the actual schematic is supposed to be
correct."

2. Tuning cap screws were making contact with the face
plate, which Joe also pointed out: "The other thing
to check is that those !&^#%!^&@#%! pesky big tuning
caps are really definitely absolutely beyond a shadow
of a doubt NOT making ground contact with the metal
faceplate. Jay, you probably remember that from our
FYBO '98 soldering adventure. :-)"

After switching Tap 2 of T1 to C1-A, and putting some
heat shrink tubing over the shaft of each tuning cap,
I had joy. And boy did it tune nice. Got the LED to
go all the way off, and everything. This project is
peculiar in that ground seems to be "isolated", that
is, there isn't a common ground to all components--
or something like that--blah, all I know is that now
it works, and I am happy. ;-) G'nite!

72

Todd Atkins, K4MSW
Baton Rouge, Louisiana

http://www.qsl.net/k4msw

Date: Tue, 04 May 1999 01:17:14 EDT

From: "George W. Lee" <k5ht@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [39553] OD5KB
Message-ID: <19990504.001710.7983.2.k5ht@juno.com>

Tonight thru 10over pulsating AC line noise I worked
OD5KB. 2 watts from the IC-756. He came back
to me while working other stations mostly europeans.
Said I was a little weak but gave me a 55 sig report.
 Of course he was s-9 plus 20db. Hope that card
will grace the collection soon. Haven't check the MPW
yet.

73, George KR5C

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 3 May 1999 23:38:54 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [39554] Dayton QRP Banquet only 10 days away!!!
Message-ID: <Pine.LNX.3.95.990503233652.13375A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

May 14th, 7:30 p.m.!

Are you going to be in Dayton?

Lots of food, lots of fun, lots of prizes!

$25, but don't send it at this point...

It's fine to pay at the door.

Days Inn Dayton South, come one, come all - if you think you'll want to be
there, let me know in advance so I can estimate the crowd size.

Thanks and WOO HOOOOOOO! ONLY 10 DAYS TO GO UNTIL DAYTON!

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car

ham@w3eax.umd.edu http://w3eax.umd.edu/~ham

Date: Tue, 4 May 1999 01:45:44 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Larry Cahoon <wd3p@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39555] Re: Stuff
Message-ID: <Pine.3.89.9905040116.A21486-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 4 May 1999, Larry Cahoon wrote:
>
> 2. some are riding shotgun - esp in contests. One driver and one operator
> - I suspect W9MSE was doing it this way.
>
Works well. K4PG and I did the FL QSO Party this way. We covered 21
counties over a 700 mile route. We would stop at each county line and
swap seats. Hey Larry, thanks for all the QSO's! What power level were
you running?

       73,
                    ,'' '',
     Bob Patten, N4BP   (0 0)   Plantation, FL
_____________________________oOOo-(_)-oOO_____________________________________

                          E-Mail: n4bp@bc.seflin.org
              Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp
                     Brass Pounder BBS: (954) 472-7715

Date: Tue, 4 May 1999 06:32:22 -0000
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39556] RE: Kudos to MFJ; counterpoint
Message-ID: <000001be95f7$ddbf11e0$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Perhaps their telephone customer service *is* good, I don't

know because I rarely have the time during business hours to
call them.

I can say their attention to e-mail communication is
terrible. Hopefully, they will learn that customers who
communicate by e-mail have dollars that spend just as good
as those that communicate by telephone. (Lack of e-mail
response is my pet peeve)

Roger

spoke with someone in
their technical department who was extremely helpful and was
familiar with
the kit. He explained to me that I needed to cut a trace on
the board and
install a resistor across it.

Date: Tue, 04 May 1999 04:11:29 -0400
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39557] A New Elmering Project
Message-ID: <372EABB1.15ABBBB1@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

For now, I will have to contain my excitement. I am working on a new project, designed for the Amateur Radio Elmer who wants to have an excellent desktop companion for the new or prospective Amateur. It is my hope that this project can, someday, be included as a curriculum (hope I spelled that right) in teaching Amateur theory and history.

If you could sit down with FIVE people of YOUR choosing, in Amateur Radio, for a discussion about the Hobby, etc.....who would they be? They should be living, but that is your only criteria. Pick five along with complete names and callsigns and jot down ONE question to each person. Are you with me, so far? Please include their area of expertise, (antennas, QRP, kits, etc) and forward them to me.

I want to cover the gamut, from Antennas to QRP, to Contesting and everywhere in between. Please submit your suggestions and questions at your convenience

and I will notify the group when I get the ball rolling. I am interested to see what the response will be and hopefully use that feedback to work out this project and get it into production, but I need your help.

For now, 72/73,
Erv W8ERV

p.s. NO this is NOT a joke. It is a genuine project that I am asking for help on. :-)

Date: Mon, 3 May 1999 09:38:02 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <k4wz@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [39558] Re: Half watt
Message-ID: <000001be9609$1db7a800$6def5cc3@prsat0xl>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well done!
However I did work W and VE when the bands were really good, ten years ago with 40mw (15m to monobander - homebrew). Those times will be here again soon, I hope!
....
Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page http://www.karoo.co.uk/g3ycc/

Date: Tue, 4 May 1999 01:42:58 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39559] Radman goes to NorCal...
Message-ID: <199905040841.BAA04797@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

The NorCal Minutes -- such as they are !

I stepped out of the soggy weather into the California Burger at 10:30am -- about an hour after the first ostrich burger was heading for the fry grill. I wasn't early or late because NorCal meetings have no official beginning or end -- you're always just in time. There is no gavel that starts or adjourns the meeting. There are no motions, Robert's Rules of Order, steering committees, boards of directors, treasurer's reports or other tedium. Those activities are "illegal" at NorCal meetings. Since there's never any old business or new business you can cut right to the chase with, "what's up?" Zombie shirts and Levis are typical of the dress code -- very casual. And, to call a NorCal meeting -- a meeting -- is a bit of a stretch. It's more akin to being on the film set of the old TV sitcom "Happy Days." Same burger palace -- just a different cast of characters -- minus Ron Howard & Fonz.

Resistor kits -- OK, first of all, there are still some NorCal resistor kits available -- contact Doug Hendricks, I guess. The capacitor kits are shipping on June 1st -- still time to place an order. And, there's a serious rumor of a NorCal toroid kit following the Cap Kit. This may be a top military secret, so you probably didn't hear it from me ;) The NorCal component kits are a superb value for the builder/experimenter. You simply can't match NorCal's buying power as an individual big savings!

Celebrities present -- Bill Kelsey -- N8ET, of Kanga US was there. Nice to put a name with a face, and get caught up on Kanga business. Local celebrities included Dave "Red Hot" Fifield and Mike "Blue Sky" Gipe. Absent were, Elecraft's Wayne & Eric and Wilderness Radio's QRP Bob. Probably getting their road shows ready for Dayton. I didn't see Doug Hauff either.

New Radio -- a beta test board of Dave Benson's new DSW was making the rounds. Dave has "raised the bar." 90 bux gets you a digital version of his SW+ transceiver featuring a DDS VFO, keyer, AFA and 2 watts of RF out ! Judging from the crowd reaction, Dave will sell a ton of these boards.

Colorful characters -- Mike Gipe got a new Sherline mini-lathe and was showing off his first productions: knurled aluminum knobs. Mike explained that he starts with an 8" solid cube of T-6061 aluminum and reduces it to a handsome 1" diameter tuning knob. Quantity-one prices start at $80 per knob, and quantity 10 prices are $100 per

knob. Mike, always the prankster, explains that it's more work to turn 10 knobs, thus the price bump. Aluminum shavings are a bargain at $5 for a 35 pound bag. We had an interesting conversation on the "Zen of Morse." He explained that in his Zen-state he can head-copy 50 wpm, but he can't copy 20-22 wpm. Everyone standing around us nodded in agreement. He recommends the RUFZ computer program for sharpening up your head-copy. Sounds like a German-engineered "bootcamp" for training aspiring contest CW ops from our DL friends at DARC (Deutscher Amateur Radio Club.)

Power to burn -- Next, I saw an interesting lead-acid battery project, housed in a metal RS enclosure -- TWO 8-cell 12V arrays of "D" size lead acid batteries -- good for 2.5AH per array. Either array could be selected from a DPDT toggle switch on the front panel. It had a "gas gauge" that consisted of a row of perhaps 8 LEDs ranging in color from Green = full, Amber = midway, Red = empty. Plenty of granularity between the LEDs. The "gas gauge" was written-up in a back issue of QST and part of the popular 6-Pack Kanga kits. 12V @ 5AH in a box with a footprint the size of a Sierra ! Compact, useful and quite heavy :-) Nice job !

Among the "freebies" -- Toroid beads, International Coffee tins (the "emerging QRP packaging standard") and Motorola MPS-918 transistors, said to be good for VHF.

Among the bargains -- 4 - 200ohm "Big Boy" resistors (in parallel = 50ohms) for a 20W dummy load, some very cool 1" self-stick copper tape from 3M for rolling your own proto boards. Just cut your own "tracks," stick 'em to a piece of ABS and drill your holes with the Dremel. Solder and enjoy. Nice! Found some nifty clusters of mini-mini-LEDs on a tiny PCB -- 4 for 25 cents and some 2.5mm jacks -- 3 for a buck. And, did I say there are still some NorCal resistor kits -- available thru Doug Hendricks -- excellent value. I bought two of 'em !

Red Hot -- Wow, time for a Coke over at the fountain and then attempt to find Dave Fifield. The burning question around Dave's Red Hot booth seemed to be, "Why aren't there any 15M monobander kits in the US?" Dave explained that there are design challenges related to adequate gain at that frequency, but he fully expects a Red Hot 15M to launch in the near future. We assured him that the world would beat a path to his door if he could do it!

World's fastest designer -- Steve "melt solder" Weber's name came up a few times. Many in NorCal are impressed at how fast this guy can take a 1985 vintage VCR, strip it for parts and by 10:00pm that same evening he's created a TV sweep generator that will also transceive on 6 meter FM ! NorCal admires that in a designer.

Commercial message -- Did I mention that Doug Hendricks has a few extra NorCal resistor kits for sale? So, if you missed that amazing buy, there's still time to snag a kit. The cap kits will ship ~ June first. After that NorCal may offer a toroid kit, although pricing details, etc weren't available. Sounds like NorCal might continue working their way through the component/hardware kits -- great savings for us builders!

Sometimes I wonder what Doug and NorCal will do next. Doug's starting to think in quantities of 1,000,000 parts as a "buy." It wouldn't surprise me if he's plotting a scheme to take over Motorola and kit-up all their ICs as a NorCal project.

The new RS 3amp (#22-503) switching power supply seems to be getting very popular with the QRP crowd. It's a heck of a buy at the sale price of $39.99, right down the street at your RS store.

It was nearly noon and I had to fly. I ordered an ostrich burger and a Coke, did the good-byes and hit the freeway. Next month it will be an entirely new adventure at the California Berger -- it always is. If you're in the neighborhood, stop by. Everyone's welcome -- bring a project, not a gavel :)!

72,

Conrad -- NN6CW

Date: Tue, 4 May 1999 11:01:47 -0400
From: pmk@juno.com
To: qrp-l@lehigh.edu
Subject: [39560] Knwd. WTB TH-205AT tone board ?
Message-ID: <19990504.110148.3310.0.pmk@juno.com>

Anyone have a broken TH-205AT with a tone board
in it that you might want to part with ???

I lost my Yeasu 2 meter rig do to unknown reasons.
Turned it on one morning and got some weird
display. The squelch is open and cant receive
anything as well as transmit.

I take care of the local packet digi here and needed
a rig so a friend sold me a Kenwood TH-205AT.
It needs a tone board.

Also don't have a manual for it as well.

thanks es 72
Patrick KD4OBQ

AR
http://www.qsl.net/kd4obq/
pmk@juno.com for faster service.

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 04 May 1999 08:12:56 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [39561] May Spartan Sprint
Message-ID: <372EE448.30B549EC@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Really enjoyed the 45minutes that I got to spend in my first Spartan
Sprint last night. Thanks for your patience...I'm still working out the
kinks in an SWL40+ I built for a friend. Guess I fall into the tubby
division, as I forgot to use battery and hooked the SWL40+ to the
commercial power supply. W/ battery
it probably weighs 1.5 lbs or so...not competitive against some of the
masters, I'm sure.

Worked:

0213Z NA3O sent 559 GA 2W rcvd 559 PA 5W
0222Z AC5K sent 579 GA 2W rcvd 569 TX 5W
0228Z KA8LLE sent 579 GA 2W rcvd 569 OH 2W
0247Z K1QM sent 579 GA 2W rcvd 439 MA 5W

72 DE Mike, KO4WX
--
Mike Boatright, KO4WX
Amateur Radio Emergency Service,
District Emergency Coordinator to Georgia Emergency Management Agency

---

Date: Tue, 04 May 1999 06:28:21 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@lehigh.edu
Subject: [39562] New FT-100 mobile and it is a winner!
Message-ID: <372EE7E5.1EC2E7BC@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Just thought that you might like to hear about a positive experience
with a new radio.

I have been looking at what to do about getting a HF mobile set up in my
new (last year) 5th wheel hauler, a 1998 Dodge 2500. I have a Kenwood
TM-732 (that will soon be hitting the road for sale) and an Alinco
DX-70. I had been using both in a previous install with pretty good
results. I had (and still have) to leave the HF radio intact and not
separate the head from the body of the radio. Same thing with the
Kenwood. There is not a log of room in the Dodge. I know, with a truck
that big you would think that there would be room, but with the third
seat in the middle of the front and the enormous cup holder (I like my
coffee!) there was just not room. There is another ham here locally that
has a Dodge and just got the new FT-100. He has mounted the radio on one
of those flexible mounting stalks like you would mount a cell phone on.
It works really nice! Anyway, picked up the FT-100 and the ATAS-100 auto
tune (Yaesu screwdriver) antenna. I cannot say enough good about this
setup. I have purchased and built a lot of radios over the years, and
have been more pleased and had more fun with this radio and antenna than
any other commercial setup, it is cool!

The radio is really compact and light. I have the complete rig mounted to an adjustable cell phone stalk mount right at the edge of the front seat and bolted to the floor. This allows me to move the radio out of the way if needed, but it is right at the edge of the fold down center "table" for finger tip operation. This console also it perfect for CW work mobile. I have the antenna mounted on the edge of the hood using a Diamond fold down UHF/VHF antenna mount. The ATAS-100 accepts a standard SO-239 mount. The antenna gets its DC voltage to spin the motor and tune the antenna via the coax so there is just one connection to the antenna base.

I have made several contacts with the setup on 17 SSB, 20 CW qrp, 40 SDB, 40 CW, and 20 SSB and so far all of the reports are great. This is a really good CW rig. I don't have the crystal CW filter yet (comes in 500 and 300, I am getting the 300) but it does have a killer DSP setup built in. You can adjust the noise reduction, the amount of notch, and the CW bandpass. It comes with 240, 120, and 60 hz bandpass choices for the onboard DSP. With this kicked in, there is some reduction in audio output but makes the difference between hearing them and not. This DSP works! And a word about the noise blanker. I have had trouble with 20 meters mobile as I have a fair amount of ignition hash. The DX 70 would not dent this. The TS140 that I have would get rid of just enough to make it workable. The FT100 kills it all. With the NB off, I have S7 noise. With it on, it all but disappears. Killer!

Everything on this radio is adjustable via the menu. Power out (to nothing) on all bands and modes from 440 to 160 meters, CW keyer mode (straight, iambic a and b, bug!) and speed, cw memory, FM deviation, SSB compression, modulation level, on and on. It is easy to use and the choices are staggering.

To tune the antenna, all you do is push the tune button on one of the menus and it adjusts. The manual says that it is not optimized for 30, 17 or 12 meters, but I have had great results on 17 and 30 meters so far.

I am pleased. Sorry that I rambled, but thought you all would like to have first impressions. I have had the rig for about a week now and would recommend it in a heartbeat for anyone that is looking for a killer all band all mode mobile or base. I will let you know about the vhf and greater performance as I get more time on those bands.

--
Jess AE0CW <><
http://www.concentric.net/~jessqrp Personal Home page
http://qsl.net/n0tfi/bug.html Bug Stories

Date: Tue, 4 May 1999 07:17:10 -0500
From: "Joe S" <joe@quadj.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39563] a solution to Antenna Launching
Message-ID: <005f01be9628$09bd1f00$19d132ce@joes>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After reading about the Park Rangers view on slingshots and Spud launchers, I decided to share my favorite antenna launch device, the "KK5NA Water Bottle" and antenna system :) . It is the 16.9 FLOZ or 500 ML water bottle(yes the kind Bottled Water comes in) I carry at least one of these with me all the time(I usually buy one, then refill it over and over), never without a drink that way.

Well, I fill it 1/2 way with water(more water for higher trees) , tie a piece of wire/string to it, and lob it over/into a tall tree. Then depending on the location/terrain string the wire to advantage(maybe even over another tree) and finally into my tuner. This has worked great when staying overnight in a motel, just 30-40' of wire into a tree outside, in the door and wallah on the air.
We used this method in QRPTTF last month(see pictures at http://www.quadj.com/QRPTTF499.html) and worked coast to coast and Canada from here in Texas with no problem.

Note: the method works well to put ropes over trees, send up dipoles, and of course wire. The advantage is when you want it down, just tug a couple of times, and then let go, the bottle will usually drop thru the tree to the ground. If not, a good pull will separate the wire and it can be recovered. Try it, works great!

72.3 Joe KK5NA " Have Water Bottle, will travel" :)

To run from your demon is to have him pursue you.
It is better to meet him in his world, than to face him in yours!

Visit the RACC QRP Home Page at http://www.k5rac.org
Visit the FISTS Web page at http://www.FISTS.org
Visit NORTEX QRP Home PAGE at http://www.quadj.com/nortex.htm

----

Date: Tue, 4 May 1999 07:29:46 -0500
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [39564] RE: New FT-100 mobile and it is a winner!
Message-ID: <000101be9629$cc14e6e0$8dc9ce80@missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I might remind you folks, the Central Missouri Radio Assn. is *giving one of these away* at our hamfest, on September 11th. In addition, we'll have a Glen Martin Engineering rooftop tower and more to give away, seminars by Glen Martin and possibly Mosley, women's hospitality room, LOTS of fleamarket vendors, etc. etc. etc. It's at "Good Time Country", a couple miles south of Columbia, MO on Highway 63. Hope to see you there!

73 es tnx fer the list space,
Nathan
KB0NNV

Date: Tue, 04 May 1999 05:50:41 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [39565] Ten-Tec Scout 555 Question
Message-ID: <372EED21.3E5ACB4F@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What are the pros and cons of this radio for portable operation (e.g., while camping)?

Phil W7OX

Date: Tue, 04 May 1999 09:29:36 -0400
From: elawson@lr.net (Ed Lawson)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "w7ox@mindspring.com" <w7ox@mindspring.com>

Subject: [39566] Re: Ten-Tec Scout 555 Question
Message-ID: <19990504131916.AAA12535@office4.office.new>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Tue, 04 May 1999 05:50:41 -0700, Phil Wheeler wrote:

>What are the pros and cons of this radio for portable operation (e.g.,
>while camping)?

Takes a fair amount of current so not that good on batteries.
Otherwise it is a very good portable rig.

Ed
K1VP

Date: Tue, 4 May 1999 07:23:27 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Ben Pooley <bpooley@bar.auracom.com>
Cc: Low Power Group <qrp-l@LeHigh.EDU>, Multiple recipients of list <qrp-
canada@lists.gpfn.sk.ca>
Subject: [39567] Re: PRAIRIE LILLIES
Message-ID: <Pine.LNX.3.95.990504072039.32407A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'll be on tonight Tuesday, from 0100Z-0300Z(Wednesday), 7.040+/-, 5
watts, QRP-C#1, VE5QRP...sri for the confusion...I have a sore finger so
my code might be a little worse than usual.... :-)

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
           A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
           Amateur Radio Stamp Collector   "QRP! How sweet it is!"

Date: Tue, 4 May 1999 09:23:44 -0400
From: wgabriel@dukeengineering.com
To: k4wz@bellsouth.net, qrp-l@Lehigh.EDU
Subject: [39568] Re: Charge Battery
Message-ID: <85256767.0049938B.00@dpinet01.dukepower.com>

Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Ron - I don't have all my reference materials here at work, but I am thinking the 7AH batteries I have are spec'd to be "fully charged" when the charging current drops below 80-90 milliamps. I have seen these numbers vary a bit between manufacturers of the batteries, but in general are around these numbers. And, as you would think, as the battery AH rating is increased or decreased, the "fully charged" current point goes up or down too. But be careful with this, as it is tied to the charging volts/cell too. For example, if you reduce your charging voltage, the current going to the battery would drop too which can mislead you into thinking that the battery is charged when it really isn't.

I use the method called constant voltage charging. You can use this or constant current charging typically. The manufacturer's sites listed below have some info on this subject. How it is accomplished and the results you are looking for to call the battery fully charged vary between the two methods.

I think I normally charge around 2.35 to 2.4 volts per cell for cyclic use and then drop back to around 2.25 volts per cell for floating the battery on a charger (that's from my feeble memory!). But I don't do this much. Mainly just charge them up and remove them from the charger. The advantage of an "automatic" charger is that you don't have to watch the battery to prevent much overcharging if you are charging at the full rates. The cyclic and float volts/cell numbers also seem to vary a bit between manufacturers too, so check this out if not on the labelling of the battery.

There are some good URLs for the battery manufacturers and here are a couple of my favorites:

http://www.hepi.com

http://www.power-sonic.com

Hope this helps -- Watson/WB4EXW

What Is the correct way to change my 7Ah lead acid battery ? I have a charger rated at 1amp. I put a current meter in line and watch the current. Should it go all the way to zero befor it is fully charged ? Thanks for any help.

Ron K4WZ

Date: Tue, 4 May 1999 08:28:20 -0500
From: W5TB <w5tb@SoftHome.net>
To: w7ox@mindspring.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39569] Re: Ten-Tec Scout 555 Question
Message-ID: <v04011704b354a5b3a332@[10.4.13.178]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 5:50 AM -0700 5/4/99, Phil Wheeler wrote:
>What are the pros and cons of this radio for portable operation (e.g.,
>while camping)?

Hi Phil -- I use my QRP version (amp disabled es abt 3.5 W out) for portable operation while camping and traveling. I love it! I use a doublet and am on the air 30-10 meters within ten minutes of hitting the campground. For more opinions on the scout, check my 'scout testimonial page' at:

http://www.qsl.net/w5tb/scout.html

Not a ten tec employee -- just a 110% satisfied customer!

73 T.E. 'Doc' Drake W5TB

Arlington, TX   w5tb@softhome.net   http://www.qsl.net/w5tb/
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Tue, 04 May 1999 09:32:29 -0400
From: RON TODD <k4wz@bellsouth.net>
To: QRP POST <qrp-l@Lehigh.EDU>
Subject: [39570] May Spartan Sprint
Message-ID: <372EF6ED.E6A95E4D@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My first Spartan Sprint. Had fun but the QRN was bad. Worked for one
hour.
Used Wilderness Radio NorCal 40a. And a vectronics mini-keyer that
want let me make a "C" sometimes. Its crazy I know.
 K1QM
AA3ST
N3YSI
AA2VX
K8JD
KG4YRU
K8CV
AA4XX
N3AO
AC5K

Date: Tue, 04 May 1999 09:39:21 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [39571] Freq-Mite info please
Message-ID: <3.0.5.32.19990504093921.007f6100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I lost the contact info for this product. Please pass along if you would.

tnx es 73 de Scott/n3byy

Date: Tue, 4 May 1999 09:42:16 -0400
From: spoon@kodak.com
To: qrp-l@lehigh.edu
Subject: [39572] FS: Tuner
Message-ID: <85256767.004B0DD9.00@knotes.kodak.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Dear QRPer's,

I have an MFJ-941B tuner for sale. It's in excellent condition. $50 shipped in the CONUS.
73, John, KC2DU

Date: Tue, 4 May 1999 08:52:45 -0500
From: applitech@mcg.net (Claton Cadmus)
To: <drcase@iastate.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39573] Re: WB8 QSL Maker
Message-ID: <03b401be9636$95700720$a10a5e2c@groucho>

From: Daniel R Case <drcase@iastate.edu> wrote:

> Anyone have suggestions on what kind of paper to use, and where to get it?

I went to a printers supply house, or you can call around to local paper supply companies, and got a ream of Wausau Papers 11x14 Exact Index basis 110. A ream is 250 sheets in this paper weight and I think it cost about $11. This size can be formatted in QSLMAKER to print four cards on a sheet by setting the printing to landscape. It prints very well on my HP 660Cse Ink Jet Printer. One tip, from WB8RCR himself, that really made a difference was to format my graphics to 300 pixels per inch to match the printing resolution of my printer. The improvement in the print quality was dramatic!

Hope this Helps,

---
73 de KA0GKC Claton Cadmus
cla@mcg.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page http://www.qsl.net/mnqrp

Date: Tue, 04 May 1999 10:14:25 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [39574] ZM-2 Testimonial
Message-ID: <372F00C1.F2CFDD75@hti.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My one year old ZM-2 was put to the test this weekend. We got a new dishwasher installed on Saturday. The weather was very nice so I did not spend any time in the shack until Sunday night. The shack is in the basement and to operating table is guess where? Right below the dishwasher. Well the new dishwasher leaks and the ZM-2 saved the rest of the gear by acting as a leak bucket. I found it full of water. I drained the water and opened it up. After an hour in front of a fan, it had dried out. Put it on the air and it works fine. Just need to see if there will be any long term affects. The op table has been moved to the other side of the basement.

Ed AB8DF

Date: Tue, 4 May 1999 09:09:47 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [39575] FS: MFJ-9020 no mods. $85 + shipping
Message-ID: <0012E5DC.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part
Content-Transfer-Encoding: 7bit

Folks,

Offering a circa 1995 9020 QRP cw rig. No mods done.
Does NOT have the filter or the keyer.

Rig is in great shape, no scratches, etc. Works like
new. Never used outside the shack. With original box
and manual.

I'll throw in a Ham Key paddle set to sweeten the deal.
Paddle is well used, but still very functional.

$85.00 + shipping of your choice; probably no more than
$5-$8.

Reason for selling: Ham Com coming up quickly and need

some new toy :^)

Please let me know if you have questions. I'm in digest mode,
so please respond direct. Thanks!

73 de Dave, NR3E
QRP-L #25
nr Dallas, TX

Date: Tue, 4 May 1999 10:41:53 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [39576] WBL Design Info
Message-ID: <199905041442.KAA251526@vm4-ext.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

FYI

Last I heard/used Stan W9WBL's phone number was 800-726-8936.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 4 May 1999 09:48:18 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-l@lehigh.edu (QRP List), wvara@butler.indiana.net ()
Subject: [39577] DC Receiver Problems
Message-ID: <199905041448.JAA14230@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yesterday I read two postings from people with AM detection problems in
direct conversion receivers [1,2]. This was a good excuse to reread some
of my QRP books. Actually I don't need much of an excuse. Anyway here
is some of what I found out. There's a list of references at the end.

N9YSQ has a problem with his Kanga Foxx Xcvr being overloaded by a local AM broadcast station. I looked at the Foxx schematic and I'm impressed by the simplicity of it, 3 transistors and a LM386. One transistor is used for keying. Another transistor is a crystal oscillator. The remaining transistor does everything else, mixing during receive and buffering during transmit. There aren't any components for selectivity at RF.

The lack of selectivity at RF is probably why N9YSQ has the problem he has. Some solutions he might consider are moving away from any broadcast band transmitters, or maybe building a filter to reject the AM signals. There is a filter article in the 1992 handbook [5] that looks like it might fix him right up. He also needs to make sure all his leads are as short as can be and everything is enclosed in his aluminum box.

The problem WT9S is having is described by Doug DeMaw, W1FB, in [7] on page 71. He goes on to describe how to design DC receivers that don't have the problem so much. A classic QRP rig, The Optimized Transciever by Roy Lewallen, W7EL, is described in [6]. I'm pretty sure it doesn't have the problem because I have a OHR QRP Sprint [4] which is based on that design (maybe it even is that design), and it doesn't have the problem.

I'm not familiar with the Howes rigs but I've heard good things about them. If they're well designed, then maybe the problem is a construction error near the mixer. Perhaps the wrong component installed in the wrong place. But I'm just guessing.

Anyway, I hope this helps.

Jim, WD9EYB

References

[1] Todd Carpenter, N9YSQ, "Foxx Xcvr Problem", QRP-L, May 3, 1999.
[2] Jay Freeman, WT9S, "DC Receiver Problems", QRP-L, May 1, 1999.
[3] Kanga Products, "The Foxx Transciever", Kanga Products, 1997.
[4] Oak Hills Research, "Assembly Instructions, QRP Sprint 40 M", Oak Hills Research, 1994.
[5] Ed Wetherhold, W3NQN, "A BC-Band Energy-Rejection Filter", The ARRL Handbook for Radio Amateurs 1992, page 30-16, The American Radio Relay League, 1991.
[6] Roy Lewallen, W7EL, "An Optimized QRP Transceiver for 7 MHz", The ARRL Handbook for Radio Amateurs 1992, page 30-37 to 30-40, The American Radio Relay League, 1991.
[7] Doug DeMaw, W1FB, "W1FB's QRP Notebook", The American Radio Relay League, 1991.

Date: Tue, 04 May 1999 11:08:24 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [39578] Freq-Mite info found
Message-ID: <3.0.5.32.19990504110824.0081ed30@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I received the info from several folks and thank you all very much.

appreciate the rapid response.

cul es 73 de Scott/n3byy

Date: Tue, 04 May 1999 11:18:10 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-l@lehigh.edu
Subject: [39579] Dayton 1999 - QRP IS!
Message-ID: <4.1.19990504105816.015b9cf0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Seven days and it will be the 1999 FDIM Seminar and the Dayton
Hamvention '99.

Days Inn is THE place to be for QRP, whether you are staying at Days
Inn or someplace locally.

There are still a few rooms left in the QRP-ARCI block of rooms, so if
you are coming to Dayton 1999 we can set you up with a room. Based on
the other published prices for Hamfests and Conventions it is
competitively priced at $72 per night, minimum 2 nights.

73   Hank   K8DD

*/   Hank Kohl K8DD   k8dd@arrl.net
*/   ARRL TS   http://www.tir.com/~k8dd
*/   MI-QRP - Vice Pres. QRP-ARCI - Director
*/   G-QRP   ARRL/LM   QCWA/LM   QCAO/LM

Date: Tue, 4 May 1999 08:13:04 -0700
From: kv7g@juno.com
To: drcase@iastate.edu
Cc: qrp-l@Lehigh.EDU
Subject: [39580] Re: WB8 QSL Maker
Message-ID: <19990504.090114.-785061.1.kv7g@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dan
     I use 110lb card stock that is available at Staples or any office supply store.
It comes in white or various colors and is sold by the standard 81/2 x 11 sheet of package of 250 sheets for about 8 or 9 bucks. Runs through my H.P. Ink Jet and Laser printers with no problem.

Bud - KV7G - Yuma, AZ

_____
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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 04 May 1999 09:01:23 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: QRP List <qrp-l@lehigh.edu>
Subject: [39581] 5 Watt Mod for Wilderness Sierra?
Message-ID: <372F19D3.7534B212@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've been away from things qrp for a while.

I'm wondering if there is a way to run the Sierra up to 5 watts, and (aside from battery life!) what are the cons?

Phil W7OX

Date: Tue, 4 May 1999 12:09:11 -0400
From: "Bruce J. Howes KG2IC" <bhowes@buffnet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [39582] Results of the SGC 2020 Question
Message-ID: <005301be9648$73ed5d20$66c229cf@buffnet.net>

First I would like to thank all of those who took the time to respond to my question on the 2020. I must have received between 15-20 replies!

The general theme seems to be that the 2020 is a interesting receiver, but with some warts, notably on CW.
An additional concern mentioned was the SGC seemed to lack support of those who did have issues with the unit.

There were some that really loved their 2020 however.

Guess I will look for another Sierra.

Tnx group!

73,

Bruce KG2IC

****
******
  Bruce J. Howes KG2IC   email: kg2ic@arrl.net
  East Amherst, NY 14051   web: www.buffnet.net/~bhowes
  FISTS #4164   ARMY MARS AAR2AJ
****
******

Date: Tue, 04 May 1999 12:27:09 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: w7ox@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39583] Re: 5 Watt Mod for Wilderness Sierra?
Message-ID: <372F1FDC.A498BD96@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Phil:

I did the following and I'm very happy with the performance:
 www.qsl.net/cx9aak/sierrmod.html

Phil Wheeler wrote:

> I've been away from things qrp for a while.
>
> I'm wondering if there is a way to run the Sierra up to 5 watts, and
> (aside from battery life!) what are the cons?

The only con is that it wouldn't give you 5 watts consistenlty in all
bands but if 3 to 6 watts in class C, (less power drain than linear),
is Ok for you.....

72, 73
Hugo
CX9AAK/W2

>
>
> Phil W7OX

Date: Tue, 4 May 1999 12:36:06 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [39584] SG-2020 at Birmingham
Message-ID: <000f01be964c$34f2c980$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FYI/FWIW: There was a dealer at Birmingham with at least 5 SG-2020s in stock
at Birmingham (AL) this past weekend.

72 / 73 Ed   N4XY

_____
Ed Tanton   N4XY   EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770)579-3933
_____
INTERESTS: *CW (99.5%)   *QRP (QRP-L# 758)
*BoatAnchors   *Test Equipment   *Photography
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Time flies like an arrow. Fruit flies like a banana.
... Groucho Marx
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Date: Tue, 04 May 1999 12:36:45 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [39585] Re: May Spartan Sprint
Message-ID: <19990504.063809.5391.1.kh6b@juno.com>

My first Spartan Sprint. 15M condx not correct for SP and
too early for 40M. Monitored 14060 +/- and worked:
KK6MC/5, AC5K, W5TB, W5RXP and AA4XX.
Didn't call CQ because I was repairing an antenna. I only
answered CQ SP during the event. I was using the K2 on
it's internal battery.

Aloha,

Dean KH6B Hilo HI BK29KP
ARRL Life, HI Chap. 194 QCWA
HI QRP 001

_____
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Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 04 May 1999 16:42:21 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [39586] QRL and QRP fun.
Message-ID: <372F236D.27FB@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang. Have been QRL getting mom healthy again these last
few months. She's really strong now! Wow. I put us both
on 'Live' green and other vegetable juices these last 7 weeks.
Even bought a "Green Power" juicer. So much for my tax return....

Anyway, this has me operating ONLY on weekends and I just want
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

to say that I wish I were contributing daily as in the past and
do really apologize for being unable to post quality material.

Speaking of quality, My friend Paul/NA5N comes to mind. If he
weren't living so far away, he'd be my closest friend.

Oh, and QRP operating quality. Riding the bike 3 miles to
Roberts Lake Park in Rohnert Park, California has been a
tremendous experience. I'm making lemondand with the
lemons I've been dealt and as usual, the circumstances
have turned out well.

I didn't ever think I'd be able to pack all this gear on
my 10 speed and be able to go from the bike to "On-The-Air"
in 10 minutes flat!!!

These last two weeks I started set-up for WSN-40 QRP net
with only 10 minutes to first call. I made it both times.

And I owe it all to you, my fellow qrp-l members who have
shared your operating experiences -- boosting my confidence.

Heck, from open-line construction, the black widow pole, wire
antennas, bugs, equipment lists, hats and sunscreen and
most of all -- a "Can Do Attitude".

Thankyou very much friends. You are all the best of
the best to me.

72 and keep it going.
Ed Loranger we6w/6
--
-Ed AR QRP Millennium QSO's=624/2000 QRP-L#1068
72, Ed WE6W, A-1 OP; http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 4 May 1999 11:08:06 -0700
From: "Mike Silva" <mjsilva@jps.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39587] Self-resonant chokes and the Little Honk
Message-ID: <00be01be9659$0f66be80$2c89a9ce@davidb-200.amotusa.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I did the chassis work for the Little Honk transmitter (6AH6 oscillator, 7C5 PA) this weekend, and I've got a question I hope somebody here can answer. I'm asking here rather than on the glowbugs list because it concerns the properties of toroidial chokes.

What I'd like to do is use a broadly self-resonant choke between the oscillator and the amplifier. This (I'm thinking) would let me get the maximum drive on both bands (40 and 30m) without needing to tune the oscillator output / PA input. The "normal" oscillator choke in such circuits was traditionally either a 1 mH or a 2.5 mH, but these are self-resonant down around 2 MHz, so their reactance is getting kinda low at 7-10 MHz.

So, any thoughts on how to create a choke self-resonant at say 8-8.5 MHz? Core type to use? Q of the resultant choke? If the winding capacitance is too low I imagine I could put a fixed cap across the choke. If the Q is too high (shouldn't be if I choose the right core, right?) I suppose I could also put a resistor across the choke to lower it. So, anybody done this kind of thing before, or have any ideas?

73,
Mike, KK6GM

Date: Tue, 4 May 1999 11:01:54 -0700
From: "Don and Mabel Adams" <adamsdm@lewiston.com>
To: <qrp-l@Lehigh.EDU>
Subject: [39588] SWL SSB transceiver
Message-ID: <008101be9658$6ff70260$5d5d25d1@adamsdmlewiston.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, A friend of mine recently built a 75 meter SSB rig from Dave Benson's Small Wonders Lab. He had it on the air 10 hours after receiving it and made a contact 350 miles away before he had it in the box. Needless to say, he thinks it is great! He has an extensive electronics background and was impressed by the design. I was surprised by how compact the radio was in its box. If you are interested in inexpensive qrp ssb, this would be

a good route to go. Don Adams KJ7NJ
Lewiston Idaho

Date: Tue, 04 May 1999 11:17:04 -0700
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-l@lehigh.edu
Subject: [39589] Official Elecraft K2 Field Day Event
Message-ID: <372F39A0.D7A00A94@quickturn.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Attention K2 owners and "would-be" K2 owners!

The official Elecraft Field Day is in the planning stages.
This year Elecraft will be teaming up with a local radio club,
the Sierra Radio Assn to operate a joint Field Day from Henry Coe State
Park
located near Morgan Hill, California. The purpose of this email is to
see what kind of interest there is in K2 owners participating. We are
planning on setting up antennas and equipment on Friday (6/25) and
operate the contest Saturday (6/26) morning through Sunday (6/27)
morning departing about noon. This should be lots of fun and a great
opportunity to show off your K2. We might even take a group picture!

For those of you who can't make it all the way to California, we will
take lots of digital pictures an post them on the web sites.

For preliminary information about this year's 1999 Field Day event,
click on http://www.qsl.net/sra/fieldday1999.html

For pictures and a description of the 1998 Elecraft Field Day click on
http://www.elecraft.com/field_day1.htm

For pictures of SRA's 1998 Field day with Eric WA6HHQ operating the
pre-beta version of the K2 click
http://www.qsl.net/sra/Field_Day_1998.html

If you are interested in participating, please take a minute to answer a

few questions.

Name
Call

Do you want to operate?
When can you participate? (Fri/Sat/Sun, Day/Night)
Do you want to operate your own K2?
Do you want to camp over night?
Any other ideas or suggestions?

Please reply to George KJ6VU
georgez@quickturn.com

Date: Tue, 04 May 1999 12:06:22 -0700
From: Jim <w7ls@blarg.net>
To: adamsdm@lewiston.com, qrp-l@lehigh.edu
Subject: [39590] Re: SWL SSB transceiver
Message-ID: <372F452E.73DA77B6@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I heartilly concur! I have one and really like it. Extremely sensitive
and good audio reports. I use it for NVIS work. It reliably covers 0-100
miles or more during the day, without any skip holes. Great for regional
emergency work.

Jim W7LS

Don and Mabel Adams wrote:

> Hi, A friend of mine recently built a 75 meter SSB rig from Dave
> Benson's Small Wonders Lab. He had it on the air 10 hours after
> receiving it and made a contact 350 miles away before he had it
> in the box. Needless to say, he thinks it is great! He has an
> extensive electronics background and was impressed by the
> design. I was surprised by how compact the radio was in its
> box. If you are interested in inexpensive qrp ssb, this would be
> a good route to go.   Don Adams KJ7NJ
>   Lewiston Idaho

Date: Tue, 4 May 1999 21:19:45 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "QRP-l" <qrp-l@lehigh.edu>

Subject: [39591] Re: Regens - Any ideas for other things to use as a coil form......
Message-ID: <00b101be966b$7ae2bee0$223dac3e@p75>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I sent the following to Doug Hendricks, he thought I should share it with the list. I assume you have DIN plugs across the pond?

-----Original Message-----
From: Tony Fishpool <g4wif@btinternet.com>
To: Doug Hendricks (School) <ki6ds@dpol.k12.ca.us>
Date: 03 May 1999 21:32
Subject: Re: Plug In Coils for Regens - Any ideas for other things to use as a coil form......

>..... DIN plugs old chap. Superglue the soft cover onto the plug bit (after
>connecting the wires). If you want a bigger former, then glue a small length
>of plastic (electrical) conduit over the top.
>

Tony - G4WIF/K4WIF

p.s. Graham G3MFJ and I will be spending a night in New York on the 6th June. We'll be staying at the Mayflower Hotel
15 Central Park West. 'Seab' Lyon - AA1MY sslyon@worldnet.att.net has volunteered to run the "Two Englishmen in New York" welcoming committee, and it would be great to see as many QRPers as can turn up.

Just over a month until Hamcom - and counting .....

Date: Tue, 04 May 1999 16:10:10 -0400
From: Laura Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [39592] Columbus, uh, Dayton hotels
Message-ID: <3.0.6.32.19990504161010.007c6e50@madrox>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I made some phone calls this afternoon and the closest hotel
space I could come up with for the weekend of 15 May was in
Columbus, Ohio. Last minute arrangements, ya know.

You may read what you wish into this information. Grin.

Laura Halliday VA3LDH   "Que les nuages soient notre pied
Grid: FN03gs   a terre..." - Hospital/Shafte

Date: Tue, 4 May 1999 15:32:40 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [39593] MFJ-9020 *SOLD*
Message-ID: <0012EB6A.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part
Content-Transfer-Encoding: 7bit

     Gang,

     Thanks for the interest. The rig and paddle have been sold.

     73 de Dave, NR3E
     QRP-L #25
     nr Dallas, TX

Date: Tue, 04 May 1999 17:12:02 -0400
From: Bob Edwards <w4ed@flash.net>
To: wacito@inspex.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [39594] Zero'n on WWV
Message-ID: <372F62A2.DC0553FA@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's another way, but it will take some practice. I use it
to establish SSB receiver accuracy for USAF MARS procedures.

Set the RX to SSB sideband of interest, tune in WWV (10,15,20 mhz)
then make fine tuning adjustment until the WWV audio tone harmonics
line up exactly with the audio tone fundamental. The harmonic
zero beat is weak and does take practice. My FT-840 is typically
10 Hz high at 10 mhz. My K2 was 40 hz high prior to any adjustment.
Just another feature of EleCraft K2 "kit" that amazed me.

Down side of this method is that WWV must be sending a tone. If
there is any doubt about the tones being heard, flip between
sidebands and make the fundamental audio tone sound the same
on both sideband settings. With the K2, the filters need to be
set correctly for the sideband flipping to work. Also, the
15 mhz WWV is pretty far outside the K2 20 m filters, so it
is weaker than 10 or 20 mhz.   Also, under ideal conditions,
the K2 S-meter will show the beat on two or three bars ,,,
             truly amazing little rig.

Bill,   Hope this helps some.   :)
--
                                          /|
         Bob   72/73   / |
               Z'# 114 | / |\
    http://www.qsl.net/w4ed   /| / E | \
    W4ED nr Atlanta @EM73wt   /_|/____|___
...."QRP", more from less....   [\--======-/
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Date: Tue, 4 May 1999 16:36:47 -0500
From: W5TB <w5tb@SoftHome.net>
To: qrp-l@Lehigh.EDU
Subject: [39595] HAMCOM Hotel Rooms
Message-ID: <v04011701b355133c6bd2@[10.4.13.178]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I made some phone calls this afternoon and the closest hotel
>space I could come up with for the weekend of 15 May was in
>Columbus, Ohio. Last minute arrangements, ya know.

Don't let Laura's plight happen to you at HAMCOM. The Marriott offer runs
out on May 11. As of yesterday there were only 6 rooms left for HAMCOM at
the marriott $79 single or double, a one bedroom suite for $109 or a
double suite for $119 . This will be QRP Headquarters for HAMCOM. We'll
~~~~~~

coordinate shuttles to the QRP dinner from there Friday night, and
Saturday night theNORCAL/NORTEX QRP Hospitality Suite will be in Conference
Room B at the Marriott.

The National reservation system is confusing on this. The only
relyable reservation system to make sure you're with us is to call the
sales manager, Patsy Sicke, during business hours, and make the reservation
direct with her. phone: 817-277-2774.

If we sell all the rooms, the $200 Hospitality Suite is ours at no charge.
So order today!   :-)

I know Dayton is first but you must make your Arlington reservation by May ll.

73 T.E. 'Doc' Drake W5TB

Arlington, TX   w5tb@softhome.net   http://www.qsl.net/w5tb/
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Tue, 4 May 1999 17:53:26 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <drcase@iastate.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39596] Re: WB8 QSL Maker
Message-ID: <004501be9678$8da07e20$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you use a photo for a background and an inkjet printer (which seems to be
the most popular setup) you will get much better results with glossy paper.
Unfortunately, heavy, glossy paper is insanely expensive. There are
non-gloss special papers that should work almost as well, but I've never
seen them in heavier weights, and they are quite hard to come by.

I've been using 80# glossy stock from ReCompute Paper Products. It's still
a little expensive, but nowhere near the price at the local office supply.
Unfortunately, I generally find these guys at trade shows and I don't know
if they do mail order. Their number is (810) 574-0989.

They also have a 50# stock that is quite a bit cheaper, but I prefer the
80#.

72/73 de WB8RCR http://users.tm.net/jjmcd/

didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----
From: Daniel R Case <drcase@iastate.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, May 03, 1999 9:49 PM
Subject: WB8 QSL Maker

>Greetings,
>
>As many of you have been doing, I have been utilizing the WB8 QSL Maker and
>really enjoy it. I was wondering if anyone had any suggestions about paper
>stock to use. I mail a high volume of QSL cards and would prefer to print
>them on a postcard-stock type of paper, so they can be mailed as postcards.
> Anyone have suggestions on what kind of paper to use, and where to get it?
>
>73,
>Dan KB0JUL
>drcase@iastate.edu
>http://www1.iastate.edu/~drcase/radio.html
>KB0JUL@KI0Q.#CIA.IA.USA.NA
>

Date: Tue, 4 May 1999 18:08:35 -0400
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [39597] Shure 444 and 522 desk mics F S
Message-ID: <05b301be967a$a8c34aa0$6f57fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale:

Shure 444 desk microphone. This one is in exceptional shape.
Presently has a 1/4 stereo plug on it (for TenTec and others), but
could be changed to most anything. $ 50

Shure 522 desk microphone, is very similar to the 444, but dual
impedance and I think is also more directional. This one has no
connector on it at present,but most anything could be added.
 $ 50

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net
http://www.gnv.fdt.net/~kenmar
Voice Phone (352) 732-8400

Date: Tue, 4 May 1999 15:14:03 -0700
From: "Wyman, Michael D" <michael.d.wyman@intel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39598] test
Message-ID: <3D33CF40366DD111AC4100A0C96B22AC03E6330A@fmsmsx34.fm.intel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

this is a test message

End of QRP-L Digest 1447
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